



Climate Resilient Cities and Urban Environmental Sustainability

Venue International Urban Training Centre (IUTC),
Republic of Korea (ROK)

Dates 11-17 April 2018

Organizers UN-Habitat and IUTC

Sponsorship Gangwon Provincial Government, ROK

Application deadline **10 March** 2018 (extended)

Please send your application documents by email only, to following addresses:

IUTC

Mr. Yeonghoon Kim <bluesky11301@naver.com> and
<bluesky1130@daum.net>

UN-Habitat

Ms. Trang Nguyen <Trang.Nguyen@unhabitat.org> and
<Trang.Nguyen@un.org>

Course Title

Climate Resilient City and Urban Environmental Sustainability

Duration

7 days of training (11-17 April)

* Arrival & Departure Dates: 10 & 18 April, respectively

Objective

The goal of this training course is to contribute to an enhanced vision of Asian city leaders and senior managers in making their cities healthier, more resource efficient and climate resilient.

This overall goal inspires us to design a training course that focuses on (i) improved practical knowledge of urban climate change planning, (ii) good-practice and solutions in environmental sustainability and resilience from Asia and Pacific region as well as worldwide, (iii) improved participants' awareness of the state of the art of available urban resilience and low carbon development options, and (iv) strategies to influence policy-making process in sustainable urban planning and management as part of the implementation of the New Urban Agenda, and climate SDG indicators.

The course is practice-oriented and enables participants to create preliminary actions and strategies for urban resilience and green development for their cities. In that respect, the course offers a peer-to-peer learning environment for participants to discuss and prioritize issues and gap in addressing the climate challenges through national and local policies, capacity development and knowledge management to stimulate the creation of a community of practice among Asian cities.

The course will also provide up-to-date materials for policy makers and urban practitioners for enhancing their capacity to implement the key international agreements on resilience in human settlements, such as 2030 Agenda for Sustainable Development, New Urban Agenda and Paris Agreement on Climate Change. As a result, it allows participants to make their cities more climate-compatible, sustainable and resilient.





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The workshop is tailored to respond to the challenges faced by local city mayors, and senior managers who face or directly involved in the planning, management and implementation of climate change policies and urban resilience programmes in Asian cities. Those working in local and national governments, NGOs, private sector companies in relation to climate change and environmental resource (water management, energy efficiency and green infrastructures)

will find the course extremely useful. Senior managers and policy makers will acquire the knowledge of first-hand experiences and policy examples to raise the institutional and technical capacity level, in order to help them to design and implement solutions suitable to their own contexts. Participants should be able to demonstrate a relationship of their work with the core theme and objectives of the course and have a minimum of 10 years of experience in the relative fields.



Cities and towns face a multitude of climate change and environmental challenges, while they are also the major contributors to climate change. Cities consume 78 per cent of the world's energy and produce a significant share greenhouse gas emissions (methane, nitrous oxide, etc.), mainly through energy generation, transport, industry and biomass use. The local challenges in specific include limited access to clean water and sanitation, air pollution stemming from road traffic, industry and household use of low quality fuel, urban waste

(including solid and toxic waste) and loss of urban eco-systems. At the same time cities – particularly among their poor populations - are heavily vulnerable to the effects of climate change. Hundreds of millions of people in urban areas across the world will be affected by rising sea levels, changing precipitation patterns, inland floods, more frequent and stronger cyclones and storms, and periods of more extreme heat and cold. Asia is one of the most vulnerable regions to climate change

impacts which are projected to become even more intense in the future.

Modern integrated planning instruments and processes as well as transparent local governance mechanisms are often lacking in small and medium size cities resulting in limited responses *vis-à-vis* these challenges. As cities are expanding due to rapid urbanization in endless peripheries, residential densities are reducing dramatically and public spaces are diminishing. This is a direct consequence of the poor implementation and enforcement of qualitative urban design.

Climate change negatively impact infrastructure and worsen access to basic urban services and quality of life in cities. It is also due to laws and regulations that are weakly linked to sustainable urbanization. Despite the increasing risks, many cities have not yet addressed those issues. There is a clear need to improve management skills and

capacity of urban players to understand urbanization, transform propositions into actions and make use of tools and knowledge to guide cities towards a sustainable future. The process of urbanization, if adequately planned, capacitated and managed through the appropriate governance structures, has been proven to possess great potential as a transformative power capable of providing prosperity, development and a sense of well-being for societies. Together with local authorities, they have the potential ability to diminish the causes of climate change (mitigation) and effectively protect themselves from its impacts (adaptation).

In addition, the efforts are also being implemented to help cities and countries to fulfil their commitments towards the implementation of 2030 Agenda for Sustainable Development, New Urban Agenda and Paris Agreement.



The aim of this course is to provide an overall understanding on climate-compatible urban development, city resilience and sustainable environmentally friendly urbanization, both on a theoretical and practical level. It offers an interactive learning environment where participants are stimulated to exchange their experiences and learn from theories and practice in various parts of Asia and the Pacific with additional references from other parts of

the world that are relevant for Asia. In that sense, the training program is highly international. Also at the end, an urban planning workshop will deliver to participants to apply the subjects in an interdisciplinary manner.

The programme stimulates participants to present their case, discuss and learn from one another, and it focuses on the two core

thematic areas of (i) urban environmental, (ii) climate change adaptation and mitigation and (iii) urban resilience.

The expected results of this training course

1. Sound knowledge about the climate change and resilience acquired;
2. Increased institutional and technical capacity level in the field of planning urbanization processes and their management in a sustainable manner; and
3. A preliminary actions and strategies for urban resilience and low-carbon/environmental sustainability for Asian cities through a practical design workshop.

The training course has 4 key modules

Module 1
Introduction

This module provides an overview of the global situation regarding cities and climate change, including a session on global urban environment trends, up-to-date information on the localization and implementation of SDGs, the New Urban Agenda, and the most recent development in the implementation of Paris Agreement.

Module 2
Climate Adaptation & Resilience in Cities


This module discussed how cities contribute to climate change and on the other hand how it is impacted by climate change impacts and natural disaster events. It will also explain how sound integrated urban planning can increase climate resilience and compatibility of the city, preventing and reducing loss and damages and at the same time bring multiple benefits from of low-carbon/green infrastructure.

Module 3
Urban environment and resource efficiency

This module provides the training participants key concepts in sustainable urban environment and urban environment management as well as relevant examples and case studies from the regions or cities with similar economic context. The module has a focus on the cities' efficiency, green infrastructure and the circular economy approach as sound and sustainable urban environmental solutions.

Module 4
Action Plan

In this last module, participants elaborate their own action plans and strategies for the implementation and localization of the SDG11 in their city, with selected integrated interventions for improving their city's climate resilience, urban environment and resource efficiency.



There are three major tasks which will be prepared by the participants prior and during the training.

(1) **Case study outline (2 pages)** focusing on the needs and solutions in climate change adaptation and mitigation as well as environmental solutions in his/her city.

(2) Fill the **City Profile Template** showing the facts and figures about the city and the ongoing programs and actions being undertaken by the city government which are aligned with the SDG13 and climate/environment-related targets.

(3) **A draft presentation** will be prepared and presented during the workshop. It draws on the city profile template but it goes beyond to showcase the priority areas being implemented by his/her city regarding addressing climate change impacts and environmental issues/resource efficiency.



The International Urban Training Center (IUTC) officially launched on 3 May 2007 as a joint collaboration between UN-Habitat and Gangwon Provincial Government, Republic of Korea, aims to build the capacity of local governments, particularly in the Asia-Pacific region, to pursue sustainable urbanization in line with the United

Nations Millennium Development Goals. Since its inception, Gangwon Province has been providing full support for the IUTC in partnership with UN-Habitat.

With a focus on sustainable urban development, the IUTC provides cutting-edge training courses and materials for city leaders, policy makers and urban planners. Courses are designed to give participants hands on learning and the tools to develop and implement sustainable urbanization policies and programs in their communities.

The IUTC's core curriculum focuses on environmental restoration and strategic approaches to urban planning, and developing and maintaining ecologically sound communities.



As part of the UN-Habitat family, the centre is devoted to promoting civil and human rights, decent shelter, land readjustment as well as waste, water, sanitation, health and education

services to communities mainly for the participants of the countries in the Asia-Pacific region.

The United Nations Human Settlements Program (UN-Habitat)

is the United Nations agency for human settlements. It is mandated by the UN General Assembly to promote socially and environmentally sustainable towns and cities with the goal of providing adequate shelter for all.

The Capacity Development Unit (CDU) combines knowledge, research, tools, skill development and training into a coherent capacity development strategy focusing on cities, Habitat Agenda partners, training institutions and UN- Habitat staff, making use of all the knowledge and information generated from the agency.



Trang Nguyen is a climate change and environment expert with 20 years of experience in sustainable development, climate change, participatory development processes and capacity building for local government and civil society groups. She has worked with national and local governments, the United Nations Environment Programme and is currently trainer of the Capacity Development Unit, UN-Habitat.



Marcus Mayr is the expert of the Cities and Climate Change, member of Urban Planning and Design Branch. He is an experienced urban planner, complimenting his current specialization on development and climate change.





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Applicants must fill out the application form and excel sheet of personal information¹ and submit by **7 March 2018** to:

- ❖ Mr. Yeonghoon Kim <bluesky11301@naver.com> and <bluesky1130@hanmail.net>
- ❖ Ms. Trang Nguyen <Trang.Nguyen@unhabitat.org> and <Trang.Nguyen@un.org>



In order to apply for the course, each applicant is requested to submit:

- An application form (**typed, not handwritten**): This form should be submitted in **MS Word format**, (**NOT** in PDF, JPEG, nor by FAX), except a scan file of page 4 with official signature as an approval sign of your training participation²
- An Excel sheet of personal information: Refer to the attached file.
- A scanned passport copy (passport needs to be valid for more than 6 months from the departure date from Republic of Korea)
- A 2-page outlines summarizing the applicant's case study on urban planning, spatial planning, data, indicators, spatial analysis or monitoring of policy outcome
- At least one letter of recommendation from your employer/head.

¹ Please send your application documents to ALL email accounts mentioned above. Do not send them by fax or any other means. **PDF application won't be accepted.**

² Don't make any signature forgery as the letter could imply that you have been officially approved on the training participation. In the case your document proves false before/during the training, we will cancel your candidacy and notify your organization/head of the fact.



Applications will be considered based on the following criteria³:

- ✓ Proven ability to communicate in English
 - ✓ Demonstrated professional experience in planning and management of cities
 - ✓ Nomination of an appropriate person who is able to participate effectively in the course and lead the subsequent process of the City Prosperity Initiative. The nominees must be conversant in English. This should be guaranteed in the letter of recommendation.
- ✓ Only the persons submitting their case study report will be considered as qualified applicants.

Timeline

7 March

Deadline of Application

12 March

Selection result announcement to successful applicants

- ◆ Invitation letters for visa process and cooperation request in the Korean Embassy will be sent as requested in the application form.
- ◆ Upon receiving email from IUTC, participants are requested to purchase their flight tickets, for training cost saving and convenience. Please be sure to check the airfare allowance with IUTC. Reimbursement will be made upon arrival at IUTC.
- ◆ All participants must arrive at the Incheon airport on 10 April, by the evening hours at the latest, and leaving the Incheon airport on 18 April. Therefore flight itineraries should be arranged accordingly.

1 April

Submission of final full version or modified version of case study if necessary (basic data and information) (by Presentation format)

3 April

Submission of visa copy (including e-ticket issued from travel agency); Please check your flight's arrival terminal of Incheon airport (T1 or T2).

* Please note that cancellation fees, if befalling, are to be covered by the participant, as per regulations stipulated by the Airlines or travel agency.

10 April

Participants (Resource people and trainees) arrival at Incheon airport, Pickup to/from the IUTC by the IUTC rental bus designated arrangements, which will be informed prior to departure.

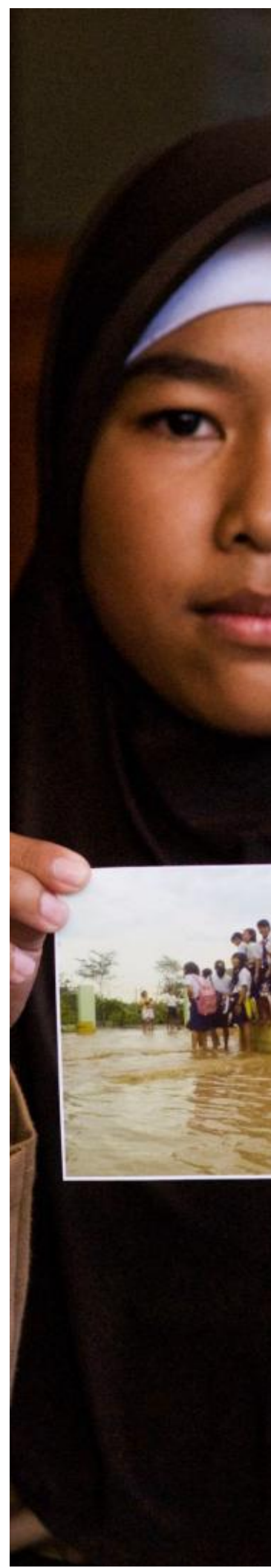
11-17 April

Training workshop

18 April

Participants' departure for Incheon airport

³ Applicants who previously received a full scholarship of IUTC courses are within 3 years are not eligible for the application and the airfare reimbursement won't be available for violators.





IUTC covers all cost during the training period as well as field trip elements of the course, which include international airfare, accommodation and meals throughout the training.

Arrangements are being made to accommodate senior participants in individual rooms. However, other training participants will be kindly required to share rooms.

A. English Proficiency

The applicants/nominees must be conversant in English as they must be engaged in group activity for action planning. This should be guaranteed in the letter of recommendation.

B. Forfeiture of Candidacy

Incomplete submission of all required documents to the IUTC, in particular, such as scanned visa copy by designated date above and/or submission of false documents making signature forgery may be subject to the forfeiture of candidacy for training participation. In such cases, IUTC shall not take any burden for incurred expenses.



C. No Extended Stay after the Course and No Change in Flight Schedule

Once the training is over, all participants should return to their country according to the individual flight schedule departing Korea as reported to the IUTC. IUTC is neither responsible for nor supportive of any unauthorized private changes.

D. Non -Smoking Enforcement

Korean Government enforces a strong non-smoking policy in public areas including streets, so smoking within the premises of the IUTC is not allowed, except in a designated area outside the building. Anybody breaking this rule should be imposed of a fine 100USD, which must be the responsibility of the violator.

E. No Alcohol Drinking Policy

IUTC does not allow visitors to drink alcohols within the building.



1. Local travel costs including domestic airfare, visa fees, insurance, salary, DSA and related allowances are not covered by IUTC. Instead, IUTC insures against each trainee's safety/ accident during the training period.
2. Sharing rooms with outsiders during the training is not allowed by ITUC.
3. Other information such as pick up schedule at the airport to IUTC, weather conditions and clothing, facility use rules etc. will be shared by email, prior to your departure.

If the topic of this training course is not relevant to your field of work, please deliver this training course brochure to your senior officials such as mayor, vice mayor, or director general for their personal attendance or recommend it to the most suitable person(s). In the case they are not available to contact, please forward this information to potentially interested people in your network.

Thank you in advance for your interest and cooperation in the course and we will look forward to your successful application or excellent recommendation.